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Substitute to San ADD PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Second Supplemental

of

(Use as many sheets as necessary)

Sheet

Co	mplete if Known
Application Number	10/511,564
Filing Date	October 15, 2004
First Named Inventor	Rajendra K. Joshi
Art Unit	
Examiner Name	••••
Attorney Docket Number	S-0864-1IS

			U.S. PATENT I	OCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code' -Number' - Kind Code' (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Té
/YV/	FP-12	DE 2417788	10-30-1975	BASF AG	Derwent Abstract Only	\top
/YV/	FP-13	DE 2543351	04-07-1977	HENKEL & CIE GMBH	Derwent Abstract Only	
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Examiner Signature	/Yevgeny Valenrod/	Date Considered	03/28/2007

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First Supplemental

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Sheet

Co	mplete if Known
Application Number	10/511,564
Filing Date	October 15, 2004
First Named Inventor	Rajendra K. Joshi
Art Unit	
Examiner Name	••••
Attorney Docket Number	S-0864-US

			U.S. PATENT I	OCUMENTS	
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Initials*	No.1	Number-Kind Code ²	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code* -Number*- Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Té
/YV/	FP-9	DE 2530372	01-13-1977	Dr. Walter Schweckendiek	Not Translated	T
/YV/	FP-10	DE 2621214	11-17-1977	Koronis GMBH	Not Translated	
/YV/	FP-11	DE 3834794	04-19-1990	Schielein	Not Translated	
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Examiner Signature	/Yevgeny Valenrod/	Date Considered	03/28/2007

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Sheet

STATEMENT BY APPLICANT
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 Complete if Known

 Application Number
 10/511,564

 Filing Date
 October 15, 2004

 First Named Inventor
 Rajendra K. Joshi

 Art Unit

 Examiner Name

 Attorney Docket Number
 S-0864-US

			U.S. PATENT I	OCUMENTS	
Examiner		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ² (**) MM-DD-YYYY Applicant of Cited Document	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
7YV/	US-1	US-2004/0038889 A1	02-26-2004	Joshi et al.	
	US-2	US-2004/0054001 A1	03-18-2004	Joshi et al.	
	US-3	US-3139395	06-30-1964	Griffin	
	US-4	US-3253016	05-24-1966	Griffin	
	US-5	US-3920837	11-18-1975	Schmidt-Dunker et al.	
	US-6	US-4851439	07-25-1989	Speiser et al.	
	US-7	US-4959389	09-25-1990	Speiser et al.	
	US-8	US-5042986	08-27-1991	Kitchens et al.	
	US-9	US-5424332	06-13-1995	Speiser et al.	
	US-10	US-6277882 B1	08-21-2001	Joshi et al.	
	US-11	US-6355676 B1	03-12-2002	Joshi et al.	
	US-12	US-6359003 B1	03-19-2002	Joshi et al.	
	US-13	US-6436992 B1	08-20-2002	Joshi et al.	•
ΔL	US-14	US-6509376 B1	01-21-2003	Joshi et al.	
V	US-15	US-6858750 B2	02-22-2005	Joshi et al.	

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		FOR	EIGN PATENT DOCL	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ² -Number ⁴ - Kind Code ³ (if Innum)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Té
ΛΥV	/ FP-1	GB 1216699	12-23-1970	Badische Anilin- & Soda- Fabriktiengesellschaft		
	FP-2	GB 1422726	01-28-1976	Badische Anilin- & Soda- Fabriktiengesellschaft		
	FP-4	WO 89/01930	03-09-1989	Dexter Biotechnics		
	FP-5	WO 94/28883	12-22-1994	Brown		
	FP-6	WO 95/12572	05-11-1995	Abbott Laboratories		
	FP-7	WO 95/21815	08-17-1995	Abbott Laboratories		
Ψ	FP-8	WO 99/21565	05-06-1999	Cornell Research Foundation, Inc.		\perp
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Examiner Signature	/Yevgeny Valenrod/	Date Considered	03/28/2007

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e for form 1449B/PTO Complete if Known Application Number 10/511,564 INFORMATION DISCLOSURE Filing Date October 15, 2004 STATEMENT BY APPLICANT First Named Inventor Rajendra K. Joshi Art Unit (Use as many sheets as necessary) Examiner Name Sheet Attorney Docket Number S-0864-US

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/ΥV/	Ы	Altmeyer, P., Dr., et al., "Systemische Therapie der Psoriasis", T & E Dermatologie Jg., 27, 1997, ppg 380-384. Not translated.	
ſΥVI	L-2	Bayard, W., et al., "Perorale Langzeitbehandlung der Psortiasis mit Fumarsaurederivaten" Hautarzt, May 1987, 38(5), ppg 279-285. Not translated.	
ľYVÍ	L-3	Medline Abstract of Bayard, W., et al., "[Peroral long-term treatment of psoriasis using fumaric acid derivatives]", Hautarzt, May 1987, 38(5), 1 page.	
/YV/	L-4	Farina, Mario, et al., "Stereochemical Study of 1,2,3,4,5,6-Hexakis(methoxycarbonyl)cyclohexanes", J. Am. Chem. Soc., 1985, vol 107, ppg 5100-5104	
MVI	L-5 ·	Griffin, G.W., et al., "The Chemistry of Photodimers of Maleic and Fumaric Acid Derivatives. 1. Dimethyl Fumarate Dimer", Dimethyl Fumarate Dimer, vol 83, June 20, 1961, ppg 2725-2728	-
ſΥVI	L-6	Hunziker, Th., et al., "Is Psoriasis an Autoimmune Disease?", excerpt from Therapeutische Umschau, Dermatological Clinic of the University of Berne, Vol 50, 1993, 2 nd edition, 5 pages.	
ΛVI	L-7	Maier, Martin E., "Synthesis of Medium-Sized Rings by the Ring-Closing Metathesis Reaction", Angew. Chem. Int. Ed. 2000, vol 39, no. 12, ppg 2073-2077	
ΛΛΛΙ	L-8	Sebok, B., et al., "Effect of Fumaric Acid, Its Dimethylester, and Topical Antipsoriatic Drugs on Epidermal Differentiation in the Mouse Tail Model", Skin Pharmacol, 1996, vol 9, ppg 99-103	
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Examiner Signature	/Yevgeny Valenrod/	Date Considered	03/28/2007

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